



## Aqueous Parts Washer Rebate Program Background

Mineral spirits, also known as Stoddard solvent, has long been used for parts washing because of its ability to quickly dissolve oil, grease, dirt, grime, burnt-on carbon, and heavy lubricants. No doubt it is effective for cleaning, but mineral spirits can create significant problems for the environment and human health because they...

- Contain Volatile Organic Compounds (VOC) that contribute to air pollution.
- Are often flammable, increasing the potential for fires.
- May be toxic when inhaled by workers.
- Are considered a hazardous waste and must be disposed of properly.

Using solvents for parts cleaning creates unnecessary environmental and worker safety risks for your shop, as well as added cost. Fortunately, there is a better way – **aqueous cleaners**. Aqueous cleaners are water-based products, which unlike solvents, are usually nonflammable and contain little or no VOCs. They use heat, agitation, and soap to break dirt down into smaller particles. There are many aqueous cleaner formulations available commercially and they have been shown to work just as effectively as solvents-based alternatives. Aqueous parts cleaning technology offers the following benefits:

- **Safer**...for your employees and the environment.
- **Good**...cleaning performance.
- **Less**...hazardous waste and workplace liabilities.

There are two types of aqueous parts washers that are commonly used – **sink-tops** and **spray cabinets**. The sink-top units use either microbial or aqueous cleaning solutions and are best for quick, light-duty cleaning. They are used for manually cleaning parts the same way as conventional solvent sink-top units. The microbial sink-top units degrade oils and organic contaminants. The microbes are safe and pose no risk to users. The aqueous sink-top units use a soap-type cleaner, with or without heat.

Spray cabinets are best used for heavily soiled or large volumes of parts. They act like a large dishwasher and clean parts by spraying high-temperature solution at high pressures within an enclosed cabinet. Employees put the parts in the spray cabinet, turn it on, and walk away, rather cleaning parts by hand.

Clean Air Partners is offering **rebates of up to \$1,000** to offset the cost of purchasing or leasing an aqueous parts washer to facilities in Northern Virginia, the District of Columbia, suburban Maryland, and the Baltimore region. See the attached Aqueous Parts Washer Rebate Requirements and Application for further details.

*Clean Air Partners is a nonprofit, public-private partnership whose mission is to increase public awareness of the health effects of air pollution and encourage individuals and businesses to take voluntary actions to reduce air pollution in the Baltimore-Washington region.*



## **Aqueous Parts Washer Rebate Program Program Requirements**

### **How the Program Works**

1. Clean Air Partners will provide a **\$500 rebate** towards the purchase or lease of a new aqueous sink-top washer and a **\$1,000 rebate** towards the purchase or lease of a new aqueous spray cabinet washer.
2. Facility submits the completed rebate application **before** ordering the new aqueous parts washer.
3. Clean Air Partners will review the application and notify the applicant if the request is approved or denied.
4. Approved applicants must then obtain and install the parts washer within 60 days.
5. Clean Air Partners will send the applicant 50% of the rebate amount upon verification that the parts washer has been installed and is in use at the location listed on the application.
6. Clean Air Partners will send the applicant the remaining 50% of the rebate 12-months after the equipment has been in use and upon the completion of a brief survey.

### **Eligibility**

- The Aqueous Parts Washer Rebate Program is being offered for a limited time, based on the availability of funding.
- The rebate is good towards the purchase or lease of a new microbial parts washer or an aqueous washer that uses a cleaning solution containing no more than 25g/l or 0.21 lbs/gal of VOC.
- Applications will be reviewed and approved on a first-come, first-served basis.
- Facilities in the following jurisdictions are eligible to apply:
  - **District of Columbia** – all areas of the District are eligible.
  - **Maryland** – Anne Arundel County, Baltimore City, Baltimore County, Carroll County, Calvert County, Charles County, Frederick County, Harford County, Howard County, Montgomery County, and Prince George's County.
  - **Northern Virginia** – City of Alexandria, Arlington County, Fairfax County, Loudoun County, and Prince William County.

### **Requirements**

In return for the rebate, approved facilities must agree to:

- Sign a Memorandum of Understanding with Clean Air Partners that describes the terms and conditions of the program.
- Dispose of the cleaning system wastes according to state and local laws and regulations governing sewer, solid, and hazardous waste.
- Allow Clean Air Partners to verify the installation and use of the approved aqueous parts washer.
- Complete a brief survey at the end of the one-year rebate period.
- Be willing to serve as a case study for the use of aqueous parts washers.

***For more information, contact Harriet West at 703/431-8463 or [harrietwest@verizon.net](mailto:harrietwest@verizon.net).***



## Aqueous Part Washer Rebate Program Application

**IMPORTANT**- Please submit this application and obtain approval from Clean Air Partners *before* purchasing or leasing your new aqueous parts washer.

### Facility Information

Facility Name \_\_\_\_\_  
Street Address \_\_\_\_\_  
City, State, ZIP \_\_\_\_\_  
Contact Name \_\_\_\_\_  
Phone Number \_\_\_\_\_  
Email Address \_\_\_\_\_

### Existing and Proposed Equipment Data

Please provide information on *existing* parts cleaners at your facility, and on the *proposed* aqueous parts washer you intend to purchase or lease.

#### Existing Equipment (list each parts washer separately, attach additional pages if needed)

Manufacturer or Vendor	Model & Serial #	Equipment Type (sink top or spray cabinet)	Cleaning Solvent (brand)	Estimated Solvent Used/Month

#### Proposed Equipment

Manufacturer or Vendor	Model & Serial #	Equipment Type (sink top or spray cabinet)	Cleaning Solution To Be Used	Cost Estimate (attach quote)

*I certify that all information in this application is true and correct. I also understand that by signing below I am agreeing to abide by the requirements of the Clean Air Partners' Aqueous Parts Washer Rebate Program.*

Signed: \_\_\_\_\_ Date: \_\_\_\_\_

Name (print): \_\_\_\_\_

Please FAX (202/962-3203) or mail completed application to:  
Jen Desimone, Clean Air Partners, 777 N. Capitol Street, NE, Suite 300, Washington, DC 20002.

***For more information, contact Harriet West at 703/431-8463 or [harrietwest@verizon.net](mailto:harrietwest@verizon.net)***



### **Aqueous Part Washer Rebate Program Vendor List**

A list of some companies that manufacture solvent-free parts washers is provided below for informational purposes only. Clean Air Partners does not endorse or recommend specific brands, products, or dealers; nor does it guarantee materials or workmanship; the acceptance of such is the sole responsibility of the participant.

<b>Vendor</b>	<b>Phone Number</b>	<b>Web Site Address</b>
Better Engineering Baltimore, Maryland	410-931-0000 800-229-3380	<a href="http://www.betterengineering.com">www.betterengineering.com</a>
Blackstone-Ney Ultrasonics Jamestown, New York	800-766-6606	<a href="http://www.blackstone-ney.com/02.grease_monkey.php">http://www.blackstone-ney.com/02.grease_monkey.php</a>
Chappell Supply Oklahoma City, Oklahoma	800-525-4970	<a href="http://www.chappellsupply.com/Online_Store.php?thiscat=7&amp;=SID">http://www.chappellsupply.com/Online_Store.php?thiscat=7&amp;=SID</a>
Chemfree Corporation Norcross, Georgia	800-521-7182	<a href="http://www.chemfree.com">http://www.chemfree.com</a>
EcoClean Corporation Raymond, Illinois	800-900-0326	<a href="http://www.ecocleancorp.com">http://www.ecocleancorp.com</a>
Equipment Manufacturing Corp. Los Angeles, California	888-833-9000	<a href="http://www.equipmentmanufacturing.com/index.htm">http://www.equipmentmanufacturing.com/index.htm</a>
Graymills Chicago, Illinois	908-903-0191 773-248-6825	<a href="http://www.graymills.com/home/defaultPC.aspx">http://www.graymills.com/home/defaultPC.aspx</a>
Green Power Chemical Stanhope, New Jersey	800-932-9371	<a href="http://www.greenpowerchemical.com">http://www.greenpowerchemical.com</a>
Global Sonics Danville, Indiana	800-649-8469	<a href="http://www.globalsonics.com">http://www.globalsonics.com</a>
Hydroblast Clackamas, Oregon	800-332-1590	<a href="http://www.hydro-blast.com">http://www.hydro-blast.com</a>
Landa, Inc. Myco, Inc/Elkridge, Maryland	410-796-3700 800-547-8672	<a href="http://www.landa.com/apw.aspx">http://www.landa.com/apw.aspx</a>
Mirachem Phoenix, Arizona	800-847-3527	<a href="http://www.mirachem.com/equipment.htm">http://www.mirachem.com/equipment.htm</a>
LW Smith Supply Roanoke, Virginia	888-848-5216	
Safety-Kleen Manassas, Virginia	703-331-0516	<a href="http://www.safety-kleen.com">www.safety-kleen.com</a>
Uni-Washers Chartley, Massachusetts	800-361-9511 800-388-6044	<a href="http://www.uniwashers.com">www.uniwashers.com</a>
Zymo Duluth, Georgia	904-213-7994	<a href="http://www.zymo.com/">http://www.zymo.com/</a>